

We Claim:

compressing said data to be transmitted;

splitting said data into eight files;

adding an error check signal as a ninth file to said eight files;

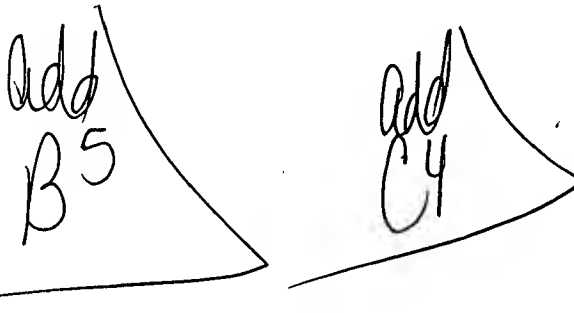
adding a clocking signal as a tenth file to said nine files;

sending each one of said ten files to a separate one of ten different tone generators;

generating a different tone for each one of said ten files, wherein the frequency of each one of said tones are separated from one another by the same frequency bandwidth;

combining said ten tones into one multi-tone signal;

transmitting said multi-tone signal over a communications line.



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